

From: Jon Epstein <epstein@ecohealthalliance.org>
To: Jonna Mazet <jkmazet@ucdavis.edu>
CC: David J Wolking <djwolking@ucdavis.edu>; Mindy Rostal <rostal@ecohealthalliance.org>; predict-outbreak@ucdavis.edu <predict-outbreak@ucdavis.edu>; Christine Kreuder Johnson <ckjohnson@ucdavis.edu>; Emily Hagan <hagan@ecohealthalliance.org>; Ariful Islam <arif@ecohealthalliance.org>; [REDACTED]
Sent: 1/17/2017 6:56:37 PM
Subject: Re: Urgent: Govt. of Bangladesh request for PREDICT to investigate unusual crow die-off in Rajshahi, Northwestern Bangladesh

Thank you, Jonna.

I'll work with Arif to ensure the scope of engagement is consistent with our work plan and budget.

Cheers,
Jon

On Jan 17, 2017 9:43 PM, "Jonna Mazet" <jkmazet@ucdavis.edu> wrote:

Hi Jon,

If the team's work on this investigation can be accomplished and is consistent with your current work plan and budget, please proceed. The assistance requested is consistent with our outbreak response guidelines. If budget needs will exceed what you already have allocated for Bangladesh, please advise.

Thanks,
Jonna

On Fri, Jan 13, 2017 at 10:40 AM, Christine Kreuder Johnson <ckjohnson@ucdavis.edu> wrote:

Jon and team,

Thank you for the update – sharing with Jonna here, so we can initiate the outbreak investigation approvals.

Agree, sounds like an opportunity for early warning of likely H5N1.

Let us know if there's anything else you need.

Best,

Chris

PS: Great to see you in CA - hope your trip home wasn't too delayed.

From: Jon Epstein <epstein@ecohealthalliance.org>
Date: Friday, January 13, 2017 at 10:03 AM
To: Christine Kreuder Johnson <ckjohnson@UCDAVIS.EDU>
Cc: [REDACTED] <[REDACTED]@UCDAVIS.EDU>, David John Wolking <djwolking@ucdavis.edu>, Ariful Islam <arif@ecohealthalliance.org>, Melinda Rostal <rostal@ecohealthalliance.org>, Emily Hagan <hagan@ecohealthalliance.org>
Subject: Fwd: Urgent: Govt. of Bangladesh request for PREDICT to investigate unusual crow die-off in Rajshahi, Northwestern Bangladesh

Dear Christine,

The Government of Bangladesh has requested PREDICT support in the investigation of a crow die-off. This is likely to be H5N1, as we saw last year, but it would allow the government lab to continue to use PREDICT assays in their investigation. While it appears from Arif's email that there are no poultry or human cases yet reported, this would be a good example of upstream surveillance and is likely to be only a modest investment in time and money.

I've asked Arif to provide a time and cost estimate and will forward, but wanted to begin the process of getting formal PREDICT concurrence for participation.

Cheers,

Jon

----- Forwarded message -----

From: **Ariful Islam** <arif@ecohealthalliance.org>

Date: Thu, Jan 12, 2017 at 10:27 PM

Subject: Urgent:Govt. of Bangladesh request for PREDICT to investigate unusual crow die-off in Rajshahi,Northwestern Bangladesh

To: Jon Epstein <epstein@ecohealthalliance.org>

Cc: Melinda Rostal <rostal@ecohealthalliance.org>, "hagan@ecohealthalliance.org" <hagan@ecohealthalliance.org>

Dear Jon:

We formally invited by the Govt. of Bangladesh One Health coordinating body to have PREDICT participate in an investigation of a crow die-off in Rajshahi. The crow die-off outbreak occurred last year at the same location and the same time. Last year, PREDICT participated and led the investigation found that the sick/death crow infected with highly pathogenic influenza virus(H5N1).

This year the investigation has not been done yet. only the history of crow die-off, no poultry or human cases not reported. the nature of outbreaks suspect for H5N1. PREDICT team has expertise wildlife disease surveillance and lead wildlife disease surveillance currently and participated last year outbreak .

So GOB wants the same skill team to conduct a comprehensive investigation for getting more information on the genetics and ecology of influenza virus strain

The BLRI (GoB national reference lab) and icddr,b(PREDICT lab support) will test the animal samples, including wild bird samples, using specific real-time assays, but we will provide the PREDICT influenza protocols for them to use for negative samples.

Participating this outbreak is consistent with our focus on understanding influenza evolution, ecology and also supporting national One Health platforms. I think, It would likely be a small investment in time and money from PREDICT. as the GOB is also supporting the cost

this will likely have a larger return in terms of political goodwill from the govt. Please let us know your opinions

Thanks

Arif

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Jonathan H. Epstein DVM, MPH

Vice President for Science and Outreach

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EcoHealth Alliance leads cutting-edge research into the critical connections between human and wildlife health and delicate ecosystems. With this science we develop solutions that promote conservation and prevent pandemics.